Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:
Spatial Management Areas

1.2. Summary description of the data:
Spatial management files combine all related and relevant spatial management files into an integrated fisheries management file. Overlaps of the redundant spatial restrictions were removed by defining the least to the most restrictive management measures and then doing updates on the less restrictive measures. FROM least restrictive to MOST Restrctive>>>>Habitat Conservation Areas || Habitat Protection Areas, Habitat Coral Areas || Special Habitat Areas || Steller Sea Lion Protection Measures, Walrus Protection Measures, Walrus No Entry Areas, and finally the most restrictive, the Steller No Transit Area. Arc operation employed: UPDATE.Data compiled from regulatory packages including ' 679.22 Closures. Tables 4, 5, 6, 22, 23, 24, 25, 26, 27' 226.202 Critical habitat for Steller sea lions.50 CFR 223.202, No Transit AreasData was made available in several formats including: ArcGIS Featureclasses, shapefiles, AutoCad files, and within an integrated CarryMap application.

1.3. Is this a one-time data collection, or an ongoing series of measurements?
One-time data collection

1.4. Actual or planned temporal coverage of the data:
2015-01-02 to 2016-01-02

1.5. Actual or planned geographic coverage of the data:
W: -179.9999, E: -129, N: 66.522262, S: 44.580908
US\Alaska EEZ

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Map (digital)

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys,

enforcement activities, numerical model, etc.)
Instrument: Digital
Platform: Windows, IPhone, Android, WinCE
Physical Collection / Fishing Gear: digital

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:

2.5. Phone number:

3. Responsible Party for Data Management
Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:
Steve Lewis

3.2. Title:
Data Steward

4. Resources
Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?
Yes

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):
10

5. Data Lineage and Quality
NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality,

objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Lineage Statement:

Tool location \DeleteField Command issued DeleteField CVOA PERIMETER;CVOA_; CVOA_ID;DESC_; __   Tool location \AddField Command issued AddField CVOA HTM TEXT # # # # NULLABLE NON_REQUIRED #   Tool location \CalculateField Command issued CalculateField CVOA HTM "CVOA.htm" VB #   Tool location \ Merge Command issued Merge CVOA;GOA_Type_1;GOA_Type_2; Red_King_Crab_Closure_Area_GHR __Current_Mngt.gdb\Lower   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up Lower HCA __ ___Trawl_1. shp   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up ___Trawl_1 HPA __Default.gdb\ ___Trawl_2_Up   Tool location __Toolboxes\ Analysis Tools.tbx\Up   Command issued Up   ___Trawl_2_Up MedHigh __Default.gdb\ ___Trawl_3_Up   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up   ___Trawl_3_Up iNTERMEDIATE __Default.gdb\ ___Trawl_3_Up _Up 1 Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up ___Trawl_3_Up _Up 1 MedHigh __Default.gdb\ ___Trawl_3_Up _Up 1_   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up   ___Trawl_3_Up _Up 1_ Higher __Default.gdb\ ___Trawl_3_Up _Up 1_1   Tool location __Toolboxes\ Analysis Tools.tbx\Up   Command issued Up   ___Trawl_3_Up _Up 1_1 PWS_Rookeries_No_Fishing __Default.gdb\ ___Trawl_3_Up _Up 1_2   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up   ___Trawl_3_Up _Up 1_2 AI_Open_Area_ ___Trawl __Default.gdb\ ___Trawl_3_Up _Up 1_5   Tool location \ CalculateField Command issued CalculateField ___Trawl_3_Up _Up 1_5 HTM " 3nm_No_Transit.htm" VB #   Tool location __Toolboxes\Analysis Tools.tbx\Up Command issued Up   ___Trawl_3_Up _Up 1_5 Bowers_Ridge __Default.gdb\ ___Trawl_3_Up _Up 1_6   Tool location __Toolboxes\Analysis Tools.tbx\Up Command issued Up   ___Trawl_3_Up _Up 1_6 "3nm No Transit Zones" __Default.gdb\ ___Trawl_3_Up _Up 1_7   Tool location \CalculateField Command issued CalculateField ___Trawl_3_Up _Up 1_7 HTM "AI_No_ ___Trawl.htm" VB #   Tool location \CalculateField Command issued CalculateField ___Trawl_3_Up _Up 1_7 HTM "Red_king_Crab_Closure_Area.htm" VB #   Tool location \CalculateField Command issued CalculateField ___Trawl_3_Up _Up 1_7 HTM " Red_king_Crab_Closure_Area_GHR.htm" VB #   Tool location __Toolboxes\Analysis Tools.tbx\Up   Command issued Up " __ Trawl and Other Restrictions" Walrus_Transit_Areas __Default.gdb\ ___Trawl_3_Up _Up 1_4   Tool location \ CalculateField Command issued CalculateField ___Trawl_3_Up _Up 1_4 HTM " Walrus_Transit_Area.htm" VB #   Tool location \CalculateField Command issued CalculateField " __ Trawl and Other Restrictions" HTM "Walrus_Islands_Transit_Area. htm" VB #   Tool location \CalculateField Command issued CalculateField " __ Trawl and Other Restrictions" HTM "Walrus_Round_Is_No_Entry.htm" VB #   Tool location \CalculateField Command issued CalculateField " __ Trawl and Other

Restrictions" HTM "Walrus_Protection_Area_W_FFP.htm" VB #   Tool location   \
CalculateField Command issued CalculateField " __ Trawl Fishery" dtd "slewis akro 01/
09/15" VB #   Tool location   \CalculateField Command issued CalculateField " __
Trawl Fishery" dtd "steve.lewis, akro, 01/09/15" VB #   Tool location   __Toolboxes\
Analysis Tools.tbx\Up   Command issued Up   " __ Trawl and Other Restrictions"
Marmot_Bay_Erase   __Default.gdb\ ___Trawl_3_Up _Up 1_8   Tool location   \
CalculateField Command issued CalculateField " __ Trawl and Other Restrictions" HTM
"Marmot_Bay_Tanner_Crab_Protection_Area.htm" VB #

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):
Two internal reviews

6. Data Documentation
The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?
No

6.1.1. If metadata are non-existent or non-compliant, please explain:
Missing/invalid information:
- 2.1. Point of Contact Name
- 2.4. Point of Contact Email

6.2. Name of organization or facility providing metadata hosting:
NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:
https://inport.nmfs.noaa.gov/inport/item/27352

6.4. Process for producing and maintaining metadata
(describe or provide URL of description):
Metadata produced and maintained in accordance with the NMFS Data Documentation
Procedural Directive: https://inport.nmfs.noaa.gov/inport/downloads/data-
documentation-procedural-directive.pdf

7. Data Access
NAO 212-15 states that access to environmental data may only be restricted when distribution is

explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?
Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:
Alaska Regional Office

7.2.1. If data hosting service is needed, please indicate:
No

7.2.2. URL of data access service, if known:
https://alaskafisheries.noaa.gov/fisheries/sslpm

7.3. Data access methods or services offered:
Not classified

7.4. Approximate delay between data collection and dissemination:
1 day

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:
NA

8. Data Preservation and Protection
The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:
(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)
Other

8.1.1. If World Data Center or Other, specify:
digital

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):
Alaska Regional Office - Juneau, AK

Federal Building

8.3. Approximate delay between data collection and submission to an archive facility:
NA

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?
Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection
Yes

9. Additional Line Office or Staff Office Questions
Line and Staff Offices may extend this template by inserting additional questions in this section.